

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Alternative Assessment: Linear Equations Math Task

*For students who were absent on one or more days of the math task, or who did not contribute to the work of their team:*

**Your Task:** Choose a limo service for the Winter Dance. You want to choose the limo service that provides the most amount of hours for the least amount of money.

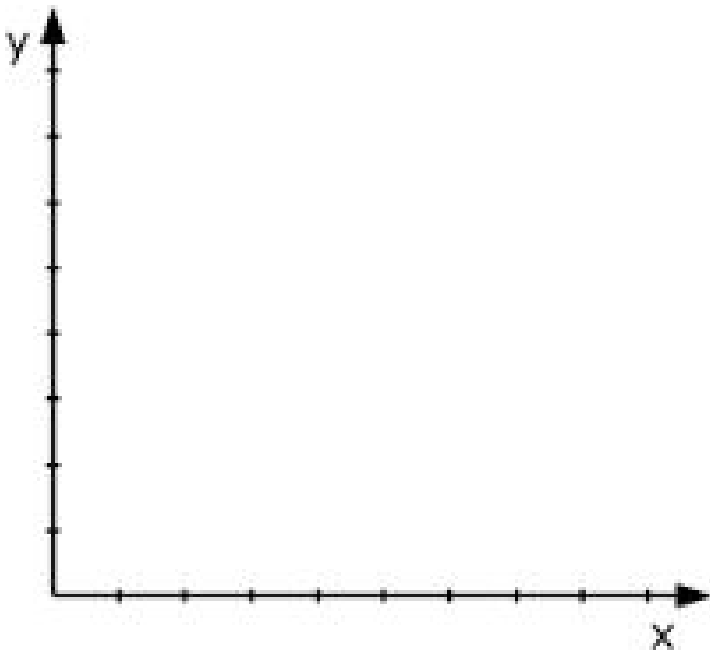
**Company One: Skinny Pete's Limo Service:** Skinny Pete charges a pick-up fee of \$30 and then charges an additional \$20 per hour.

**Company Two: Alfonso's Awesome Limos:** Alfonso charges a pick-up fee of \$55 and then charges an additional \$15 per hour.

1. Write an equation in slope-intercept form that represents Skinny Pete's Limo Service.

2. Write an equation in slope-intercept form that represents Alfonso's Awesome Limos.

3. Graph the two equations on the same coordinate plane. Be sure to label your intervals and axes.



4. The Community Council has a budget of \$130. How many hours will they be able to rent a limo from Skinny Pete? Show your work.

5. The Community Council has a budget of \$130. How many hours will they be able to rent a limo from Alfonso? Show your work.

6. Which limo service should be used? Justify your answer using your algebraic equations AND your graphs.

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